PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|---|---|---|
| In re U.S. Patent No. 7,085,257 | ) | Serial No. 09/544,141 |
| | ) | |
| Inventor(s): H. KARVES et al. | ) | Filed: April 6, 2000 |
| | ) | |
| Issue Date: August 1, 2006 | ) | Attorney Docket No. 004770.00663 |

For:   METHOD AND SYSTEM FOR MAKING ACCESSIBLE WIRELESSLY A NETWORK PHONEBOOK AND JOURNAL DATABASE

## REQUEST FOR CERTIFICATE OF CORRECTION

U.S. Patent and Trademark Office
Customer Service Window
Randolph Building, Mail Stop: Certificate of Correction Branch
401 Dulany Street
Alexandria, VA 22314

Sir:

Pursuant to 35 U.S.C. § 254 and 37 C.F.R. § 1.322, this is a request for the issuance of a

Certificate of Correction in the above-identified patent. Two (2) copies of PTO Form 1050 are appended.

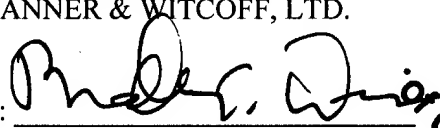The complete Certificate of Correction involves 1 page.

The mistakes identified in the appended Form occurred through no fault of the Applicants, as

clearly disclosed by the records of the application, which matured into this patent. Enclosed for your

convenience is a copy of the amendment filed January 5, 2006.

Issuance of the Certificate of Correction containing the corrections is respectfully requested.

Since these changes are necessitated through no fault of the Applicants, no fee is believed to be associated

with this request. Nonetheless, should the Patent and Trademark Office determine that a fee is required,

please charge our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

27
Dated: March 22, 2007          By: _____
Banner & Witcoff, Ltd                Bradley C. Wright
1100 13th Street, N.W., Suite 1200   Reg. No. 38,061
Washington, D.C. 20005-4051

APR 0 6 2007

# UNITED STATES PATENT AND TRADEMARK OFFICE
# CERTIFICATE OF CORRECTION

PATENT NO.:        7,085,257

DATED:             August 1, 2006

INVENTOR(S):       H. KARVES et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Claim 2, Column 18, Line 19:
    Please delete "system; to" and insert -- system to--

In Claim 11, Column 20, Line 29:
    Please delete "person or of" and insert -- person or party of--

In Claim 17, Column 22, Line 18:
    Please delete "system the" and insert -- system, the--

In Claim 22, Column 23, Line 53:
    Please delete "database available" and insert -- database is available--

In Claim 33, Column 26, Line 37:
    Please delete "network which" and insert -- network, which--

In Claim 34, Column 27, Line 4:
    Please delete "network which" and insert -- network, which--

In Claim 35, Column 27, Line 39:
    Please delete "network which" and insert -- network, which--

In Claim 36, Column 28, Line 6:
    Please delete "network which" and insert -- network, which--

In Claim 37, Column 28, Line 40:
    Please delete "network which" and insert -- network, which--

Mailing Address of Sender:

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FORM PTO 1050 (Rev.2-93)

U.S. PAT. NO 7,085,257

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# UNITED STATES PATENT AND TRADEMARK OFFICE
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DATED:      August 1, 2006

INVENTOR(S):      H. KARVES et al.

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In Claim 2, Column 18, Line 19:
Please delete "system; to" and insert -- system to--

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In Claim 17, Column 22, Line 18:
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In Claim 22, Column 23, Line 53:
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In Claim 33, Column 26, Line 37:
Please delete "network which" and insert -- network, which--

In Claim 34, Column 27, Line 4:
Please delete "network which" and insert -- network, which--

In Claim 35, Column 27, Line 39:
Please delete "network which" and insert -- network, which--

In Claim 36, Column 28, Line 6:
Please delete "network which" and insert -- network, which--

In Claim 37, Column 28, Line 40:
Please delete "network which" and insert -- network, which--

U.S. PAT. NO 7,085,257

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PATENT APPLICATION

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | |
|---|---|
| In Re Application of: | ) |
| | ) |
| H. KARVES et al. | ) Group Art Unit: 2665 |
| | ) |
| Serial No.: 09/544,141 | ) Examiner: Steven H D Nguyen |
| | ) |
| Filed: April 6, 2000 | ) Attorney Docket No. 004770.00663 |
| | ) |
| For: Method and System for Making Accessible | ) |
| Wirelessly a Network Phonebook and Journal | ) |
| Database | ) |

## AMENDMENT

U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

This paper is responsive to the Ex parte Quayle Office Action mailed October 5, 2005. Please charge any fees due to our Deposit Account No. 19-0733. Also, any extension of time necessary for acceptance of this paper is hereby requested.

The Listing of Claims begins on p. 2.

Remarks begin on p. 25.

**LISTING OF CLAIMS:**

Please amend the claims as follows:

Claims 1-4. (Canceled)

5.      (Currently Amended)   A method for providing a wireless terminal of a communication system access to at least a phonebook database of the system, <u>the method</u> comprising:

(a)     for incoming phone calls to said wireless terminal

identifying <u>a </u>phone number of a caller at said wireless terminal;

instructing the system to ~~search~~ <u>perform a caller identity search by searching</u> said phonebook database to identify <u>a </u>name of <u>the </u>caller; and

sending results of the <u>caller identity </u>search to said wireless terminal, such that

(i)     if <u>the </u>caller identity search is successful, <u>an </u>identification of <u>the </u>caller is presented at said wireless terminal, and

(ii)     if the caller identity search is not successful, the caller phone number is presented ~~only ~~at said wireless terminal, and

(b)     for outgoing calls to be made from said wireless terminal

instructing the system to search said phonebook database to locate at least one of a phone number and destination of an outgoing call; and

sending results of the search to said wireless terminal such that

(i)     if the phone ~~number/destination~~<u>number or destination</u> of the <u>outgoing </u>call to be made is found in the <u>phonebook </u>database, the same is presented at said wireless terminal, and

(ii)     if the phone ~~number/destination~~<u>number or destination</u> is not found in an initial search query of the <u>phonebook </u>database, the wireless terminal user~~, optionally, may~~ <u>is presented with an opportunity to</u> modify the search query of the system to the phonebook database or terminate <u>a caller </u>identification process,

2

wherein identification of the caller of an incoming call or the phone number or the destinationperson or party to be called includes showing at least one of the name and an affiliation and, when stored in the phonebook database, showing a picture of a person on a display of said wireless terminal.

6.    (Currently Amended)    A method for providing a wireless terminal of a communication system access to at least a phonebook database of the system, the method comprising:

(a)    for incoming phone calls to said wireless terminal

identifying a phone number of a caller at said wireless terminal;

instructing the system to search perform a caller identity search by searching said phonebook database to identify a name of the caller; and

sending results of the caller identity search to said wireless terminal, such that

(i)    if the caller identity search is successful, an identification of the caller is presented at said wireless terminal, and

(ii)    if the caller identity search is not successful, the caller phone number is presented only at said wireless terminal, and

(b)    for outgoing calls to be made from said wireless terminal

instructing the system to search said phonebook database to locate at least one of a phone number and destination of an outgoing call; and

sending results of the search to said wireless terminal such that

(i)    if the phone number/destinationnumber or destination of the outgoing call to be made is found in the phonebook database, the same is presented at said wireless terminal, and

(ii)    if the phone number/destinationnumber or destination is not found in an initial search query of the phonebook database, the wireless terminal user, optionally, may is presented with an opportunity to modify the search query of the system to the phonebook database or terminate a caller identification process,

3

wherein said communication system comprises a Wireless Local Area Network (WLAN) and said phonebook database is provided in the network, and

wherein the instruction to search said phonebook database to identify the name of the caller of said incoming call or the instruction to search said phonebook database to locate at least one of a-the phone number and the destination of said outgoing call to be made is effected over said WLAN and an Internet Protocol (IP)-based online link-up of said wireless terminal and the network and comprises:

instructing the system, to start a phonebook application, and

performing a search query of said phonebook database to identify call-the caller of an-the incoming call or performing one or a successive number of new or modified search queries, as deemed appropriate by the terminal user, through a user interface (UI) provided at said wireless terminal to locate the phone number and the destination of a-the outgoing call to be made.

7.      (Currently Amended) The method according to claim 6, wherein said phonebook application is commenced whenin response to, for an incoming call, the phone number is-being determined not to be locally stored in said wireless terminal and, for an outgoing call, at least one of phone number and destination of the outgoing call to be made is-being determined not to be locally stored in said wireless terminal.

8.      (Original)    The method according to claim 6, wherein said phonebook application is a World Wide Web (WWW) IP-based application using Hypertext Transfer Protocol (HTTP) to transmit information between said wireless terminal and a WWW server having access to the phonebook database, and using a Hypertext Mark-Up Language (HTML) browser to query a database in said wireless terminal.

9.      (Original)    The method according to claim 6, wherein said phonebook application is a Wireless Application Protocol (WAP)-based phonebook application using a

WAP browser for Wireless Application Environment (WAE) to access a database in said wireless terminal and a protocol application to access a WAP or WWW server having access to said phonebook database.

10.　(Original)　The method according to claim 6, wherein said phonebook application is a query-based contacts application in which Lightweight Directory Access Protocol (LDAP) is used to transmit information between said wireless terminal and a Directory System Agent (DSA) server having access to said phonebook database.

11.　(Currently Amended) The method according to claim 6, wherein listings of matched contents associated with each said query are viewed at a user terminal so that a client requesting information can make a selection from the listing listings or instruct the system to make a new or modified query to the phonebook database.

12.　(Currently Amended) The method according to claim 11, wherein individual query outcomes are viewed through a browsable window at a user terminal and the like.

13.　(Currently Amended) A method for providing a wireless terminal of a communication system access to at least a phonebook database of the system, the method comprising:

(a)　for incoming phone calls to said wireless terminal

identifying a phone number of a caller at said wireless terminal;

instructing the system to perform a caller identity search by searching said phonebook database to identify a name of the caller; and

sending results of the search to said wireless terminal, such that

(i)　if the caller identity search is successful, an identification of the caller is presented at said wireless terminal, and

APR 0 6 2006

(ii)    if the caller identity search is not successful, the caller phone number is presented ~~only~~ at said wireless terminal, and

(b)    for outgoing calls to be made from said wireless terminal

instructing the system to search said phonebook database to locate at least one of a phone number and destination of an outgoing call; and

sending results of the search to said wireless terminal such that

(i)    if the phone ~~number/destination~~number or destination of the outgoing call to be made is found in the phonebook database, the same is presented at said wireless terminal, and

(ii)    if the phone ~~number/destination~~number or destination is not found in an initial search query of the phonebook database, the wireless terminal user~~, optionally, may~~ is presented with an opportunity to modify the search query of the system to the phonebook database or terminate a caller identification process,

wherein said phonebook database is available wirelessly to the user terminal through a secured online access and comprises phone number(s), address(es), name and picture, if available, and profile information of ~~personnel/clients~~personnel or clients of a company or corporation, a company plant, or ~~organization/association~~organization or association ~~and the like~~, and

wherein the phone numbers in said phonebook database comprise phone numbers of office phones, facsimile phones, cell and mobile phones, pagers and handheld devices including PDAs (Personal Digital Assistants) and palm units with and without voice capability, said phonebook database further comprising contact addresses and terminal addresses including E-mail addresses of desktop and portable computers ~~and the like~~.

14.    (Currently Amended)   The method according to claim 13, wherein said search query associated with the outgoing call to be made is limited by search criteria employed, said search criteria comprising any one or more items from the list consisting of:

a name and contact information including address, phone number(s), facsimile number(s), or an E-mail address ~~and the like~~; a title of person in a ~~company/organization~~company or organization; a unit, plant or branch of a company; a project group or work team; a ~~building/site~~building or site location; a picture of a person; and a person's administrative assistant.

15.     (Currently Amended)   A method for providing a wireless terminal of a communication system access to at least a phonebook database of the system, the method comprising:

(a)     for incoming phone calls to said wireless terminal

identifying a phone number of a caller at said wireless terminal;

instructing the system to perform a caller identity search by searching said phonebook database to identify a name of the caller; and

sending results of the search to said wireless terminal, such that

(i)     if the caller identity search is successful, an identification of the caller is presented at said wireless terminal, and

(ii)     if the caller identity search is not successful, the caller phone number is presented ~~only~~ at said wireless terminal, and

(b)     for outgoing calls to be made from said wireless terminal

instructing the system to search said phonebook database to locate at least one of a phone number and destination of an outgoing call; and

sending results of the search to said wireless terminal such that

(i)     if the phone ~~number/destination~~number or destination of the outgoing call to be made is found in the phonebook database, the same is presented at said wireless terminal, and

(ii)     if the phone ~~number/destination~~number or destination is not found in an initial search query of the phonebook database, the wireless terminal user~~, optionally, may~~ is

7

presented with an opportunity to modify the search query of the system to the phonebook database or terminate a caller identification process, and further comprising:

providing a journal viewing application in which said communication system searches a journal database for background information associated with at least one of a the caller of an the incoming phone call and a phone number or person/party person or party of an the outgoing call to be made and sends results of the background information search to said wireless terminal.

16.    (Currently Amended) The method according to claim 15, wherein the background information stored in said journal database which is available to a user terminal of said system, including said wireless terminal, comprises:

previous originating and terminating phone calls, originating and terminating, including dates, times and durations; E-mails; task lists; documents associated with each originating or terminating phone call; a project; a calendar date; and a company or plant associated with each originating or terminating phone call.

Claim 17.    (Canceled)

18.    (Currently Amended)  In a communication system having an infrastructure comprising at least one wireless terminal, at least one access point and a wired backbone, a method for providing to each said wireless terminal thereof online access capability to at least a phonebook database of the system, the method comprising:

instructing the system to start a phonebook application, wherein for incoming calls the phonebook application commences in response to a phone number identification at a user terminal side and for outgoing calls the phonebook application commences through a user interface (UI) of said wireless terminal; and

performing a search query of said phonebook database to identify at least one of (i) a caller corresponding to a phone number identification of an incoming call and (ii) at least one of a phone number and a destination of an outgoing call to be made,

8

APR 0 6 2004

wherein said communication system comprises a Wireless Local Area Network (WLAN) and said phonebook database is a network database, and

wherein said phonebook application is a World Wide Web (WWW) IP-based application using Hypertext Transfer Protocol (HTTP) to transmit information between said wireless terminal and a WWW server, included in the network, having access to the phonebook database and using a Hypertext Mark-up Language (HTML) browser to query a database in said wireless terminal.

19.    (Currently Amended)   In a communication system having an infrastructure comprising at least one wireless terminal, at least one access point and a wired backbone, a method for providing to each said wireless terminal thereof online access capability to at least a phonebook database of the system, the method comprising:

instructing the system to start a phonebook application, wherein for incoming calls the phonebook application commences in response to a phone number identification at a user terminal side and for outgoing calls the phonebook application commences through a user interface (UI) of said wireless terminal; and

performing a search query of said phonebook database to identify at least one of (i) a caller corresponding to a phone number identification of an incoming call and (ii) at least one of a phone number and destination of an outgoing call to be made,

wherein said communication system comprises a Wireless Local Area network (WLAN) and said phonebook database is a network database, and

wherein said phonebook application is a Wireless Application Protocol (WAP)-based phonebook application using a WAP browser for Wireless Application Environment (WAE) to access a database in said wireless terminal and a transport interface to access a WAP or WWW server, included in the network, having access to said phonebook database.

20.    (Currently Amended)   In a communication system having an infrastructure comprising at least one wireless terminal, at least one access point and a wired backbone, a

9

method for providing to each said wireless terminal thereof online access capability to at least a phonebook database of the system, the method comprising:

instructing the system to start a phonebook application, wherein for incoming calls the phonebook application commences in response to a phone number identification at a user terminal side and for outgoing calls the phonebook application commences through a user interface (UI) of said wireless terminal; and

performing a search query of said phonebook database to identify at least one of (i) a caller corresponding to a phone number identification of an incoming call and (ii) at least one of a phone number and a destination of an outgoing call to be made,

wherein said communication system comprises a Wireless Local Area Network (WLAN) and said phonebook database is a network database, and

wherein said phonebook application is a query-based contacts application in which Lightweight Directory Access Protocol (LDAP) is used to transmit information between said wireless terminal and a Directory System Agent (DSA) server, included in the network, having access to said phonebook database.


21.    (Currently Amended)    In a communication system having an infrastructure comprising at least one wireless terminal, at least one access point and a wired backbone, a method for providing to each said wireless terminal thereof online access capability to at least a phonebook database of the system, the method comprising:

instructing the system to start a phonebook application, wherein for incoming calls the phonebook application commences in response to a phone number identification at a user terminal side and for outgoing calls the phonebook application commences through a user interface (UI) of said wireless terminal; and

performing a search query of said phonebook database to identify at least one of (i) a caller corresponding to a phone number identification of an incoming call and (ii) at least one of a phone number and destination of an outgoing call to be made,

wherein said communication network comprises a Wireless Local Area Network (WLAN) and said phonebook database is provided in the network, and

wherein said phonebook application is performed using a protocol application comprising an application taken from the list consisting of Wireless Application Protocol (WAP), Hypertext Transfer Protocol (HTTP), and Lightweight Directory Access Protocol (LDAP).

22.     (Currently Amended)  In a communication system having an infrastructure comprising at least one wireless terminal, at least one access point and a wired backbone, a method for providing to each said wireless terminal thereof online access capability to at least a phonebook database of the system, the method comprising;

instructing the system to start a phonebook application, wherein for incoming calls the phonebook application commences in response to a phone number identification at a user terminal side and for outgoing calls the phonebook application commences through a user interface (UI) of said wireless terminal; and

performing a search query of said phonebook database to identify at least one of (i) a caller corresponding to a phone number identification of an incoming call and (ii) at least one of a phone number and destination of an outgoing call to be made,

wherein said phonebook application is commenced when in response to, for an incoming call, the phone number is being determined not to be locally stored in said wireless terminal and, for an outgoing call, at least one of the phone numbers and destination of the outgoing call to be made is being determined not to be locally stored in said wireless terminal.

23.     (Currently Amended)  In a communication system having an infrastructure comprising at least one wireless terminal, at least one access point and a wired backbone, a method for providing to each said wireless terminal thereof online access capability to at least a phonebook database of the system, the method comprising,

11

instructing the system to start a phonebook application, wherein for incoming calls the phonebook application commences in response to a phone number identification at a user terminal side and for outgoing calls the phonebook application commences through a user interface (UI) of said wireless terminal; and

performing a search query of said phonebook database to identify at least one of (i) a caller corresponding to a phone number identification of an incoming call and (ii) at least one of a phone number and destination of an outgoing call to be made, wherein said search query associated with the outgoing call to be made comprises:

at least one query, based on a-search criteria sent through the user interface of said wireless terminal, to find at least one of a phone number and a name of a person or party to be called, said search query conforming to a Wireless Local Area Network (WLAN)-based transport protocol or a WLAN-based protocol over the internet and performed by a server in the network having access to said phonebook data-basedatabase.

24.     (Currently Amended)  The method according to claim 23,

wherein said phonebook database is available wirelessly to a user terminal through a secured online access over the internet and comprises phone number(s), name and profile information of personnel/clientspersonnel or clients of a company or corporation, a company plant, or organization/associationorganization or association and the like, and

wherein the phone numbers in said phonebook database comprise phone numbers of office phones, facsimile phones, cell and mobile phone, pagers and handheld devices including Personal Digital Assistants (PDAs) and palm units with and without voice capability, said phonebook database further comprising contact addresses and terminal addresses including E-mail addresses of desktop and portable computers and the like.

25.     (Currently Amended)  The method according to claim 24, wherein said search criteria of said search query associated with the outgoing call to be made contains any one or more items from the list consisting of: a name and contact information including address, phone

number(s), facsimile number(s), or an E-mail address ~~and the like~~; a title of a person in ~~company/organization~~a company or organization; a unit, plant or branch of a company; a project group or work team; a ~~building/site~~building or site location; a picture of a person; and a person's administrative assistant.

26.    (Currently Amended)  The method according to claim 23, wherein listings of matched contents associated with each said query are viewed at a user terminal so that a client requesting information can make a selection from the ~~listing~~ listings or instruct the system to make a new or modified query to the phonebook database.

Claim 27.    (Canceled).

28.    (Currently Amended)  In a communication system having an infrastructure comprising at least one wireless terminal, at least one access point and a wired backbone, a method for providing to each said wireless terminal thereof online access capability to at least a phonebook database of the system, the method comprising:

instructing the system to start a phonebook application, wherein for incoming calls the phonebook application commences in response to a phone number identification at a user terminal side and for outgoing calls the phonebook application commences through a user interface (UI) of said wireless terminal; ~~and~~

performing a search query of said phonebook database to identify at least one of (i) a caller corresponding to a phone number identification of an incoming call and (ii) at least one of a phone number and destination of an outgoing call to be made, and said method further comprising:

providing a journal viewing application in which said communication system searches a journal database for background information associated with at least one of a caller of an incoming phone call and a phone number of a ~~person/party~~person or party of an outgoing call to be made and sends results of the background information search to said wireless terminal,

13

APR 0 6 2006

wherein the background information stored in said journal database which is available to a user terminal of said system, including said wireless terminal, and comprises previous originating and terminating phone calls, originating and terminating, including dates, times and durations; E-mails; task lists; documents associated with originating or terminating call; a project; a calendar data; and a company or plant associated with each originating or terminating phone call.

Claim 29.      (Canceled).

30.      (Currently Amended) A method for providing a wireless terminal of communication system access to at least a journal database, the method comprising:

instructing the system to start a journal viewing application to obtain background information related to an occurrence of an incoming call or an outgoing call to be made; and

performing a search query of said journal database to locate the background information, the search query including a call identification process in which either an incoming call phone number or at least one of a phone number and a name of a person or party of an the outgoing call to be made is matched to the background information associated therewith in said journal database; and

presenting the matched background information to said wireless terminal,

wherein the background information which is stored in said journal database and is available to a user terminal of said system, including said wireless terminal, and comprises:

previous originating and terminating phone calls, originating and terminating, including dates, times and durations; E-mails; task lists; documents associated with each originating or terminating phone call; a project; a calendar data; and a company or plant associated with each originating or terminating phone call.

31.      (Currently Amended) The method according to claim 30, wherein the background information presented to said wireless terminal is filtered and organized, including having

headings, through settings chosen by the terminal user, and wherein the filtered settings may be varied for the originating and terminating phone calls.

32.    (Currently Amended) The method according to claim 31,

wherein information displayed on a-the wireless terminal comprises:

the recent originating and terminating phone calls, originating and terminating; task headings; E-mail headings; and related documents.

Claim 33.    (Canceled).

34.    (Currently Amended) A method for providing a wireless terminal of communication system access to at least a journal database, the method comprising:

instructing the system to start a journal viewing application to obtain background information related to an occurrence of an incoming call or an outgoing call to be made; and

performing a search query of said journal database to locate the background information, the search query including a call identification process in which either an incoming call phone number or at least one of a phone number and a name of a person or party of an-the outgoing call to be made is matched to the background information associated therewith in said journal database; and

presenting the matched background information to said wireless terminal,

wherein said journal viewing application is a World Wide Web (WWW) IP-based application using Hypertext Transfer Protocol (HTTP) to transmit information between said wireless terminal, and a WWW server, included in the network, having access to said journal database and using a Hypertext Mark-up Language (HTML) browser to query a database in said wireless terminal.

35.    (Currently Amended) A method for providing a wireless terminal of a communication system access to at least a journal database, the method comprising:

15

APR 0 6 2004

instructing the system to start a journal viewing application to obtain background information related to occurrence of an incoming call or an outgoing call to be made; and

performing a search query of said journal database to locate the background information, the search query including a call identification process in which either an incoming call phone number or at least one of a phone number and a name of a person or party of an the outgoing call to be made is matched to background information associated therewith in said journal database; and

presenting the matched background information to said wireless terminal,

wherein said journal viewing application is a Wireless Application Protocol (WAP)-based application using a WAP browser for Wireless Application Environment (WAE) to access a database in said wireless terminal and using a transport interface to access a WAP server, included in the network, having access to said journal database.

36.    (Currently Amended) A method for providing a wireless terminal of a communication system access to at least a journal database, the method comprising:

instructing the system to start a journal viewing application to obtain background information related to occurrence of an incoming call or an outgoing call to be made; and

performing a search query of said journal database to locate the background information, the search query including a call identification process in which either an incoming call phone number or at least one of a phone number and a name of a person or party of an the outgoing call to be made is matched to background information associated therewith in said journal database; and

presenting the matched background information to said wireless terminal,

wherein said journal viewing application is a query-based contacts application in which Lightweight Directory Access Protocol (LDAP) is used to transmit information between said wireless terminal and a Directory System Agent (DSA) server, included in the network, having access to said journal database.

16

Claims 37-45. (Canceled)


46.    (Currently Amended) A system to provide a wireless terminal of a network access to a phonebook database of the network, the system comprising:

a the network, which has having at least one server and at least a phonebook database;

at least one wireless terminal each of which is operably connected to said network;

at least one transport interface to allow communication between each wireless terminal and said network; and

a phonebook application, included in said network, said phonebook application being such that (a) for an incoming call, the network is instructed to search said phonebook database to identify a name of a caller, and (b) for an outgoing call, the network is instructed to search said phonebook database to locate at least one of a phone number and a name of a person or party of a the outgoing call to be made, wherein the a result of each search is presented at said wireless terminal,

wherein said network further includes a journal viewing application and a journal database, said journal viewing application instructing the network to search said journal database for background information associated with at least one of a the caller of an the incoming phone call and a the phone number, or person/party, or party of an the outgoing call to be made and sends results of the background information search to said wireless terminal.


47.    (Currently Amended) The system according to claim 46,

wherein the background information stored in said journal database which is available to each user wireless terminal of said network, including said wireless terminal, having display capability, comprises:

previous originating and terminating phone calls, originating and terminating, including dates, times and durations; E-mails; task lists; documents associated with each

17

originating or terminating phone call; a project; a calendar data; and a company or plant associated with each originating or terminating phone call.

48.     (Currently Amended) The system according to claim 47,

wherein contents of said phonebook database and of said journal database are available wirelessly to said ~~user~~ wireless terminal through a secured online access over the internet,

wherein said phonebook database comprises phone number(s), name and profile information of ~~personnel/clients~~personnel or clients of a company or corporation, a company plant, or ~~organization/association~~an organization or association ~~and the like~~, and

wherein the phone numbers in said phonebook database comprise phone numbers of office phones, facsimile phones, cell and mobile phones, pagers and handheld devices including PDAs (Personal Digital Assistants) and palm units with and without voice capability, said phonebook database further comprising contact addresses and terminal addresses including E-mail addresses of desktop and portable computers ~~and the like~~.

49.     (Currently Amended) The system according to claim 48, wherein one or more search queries associated with ~~an~~ the outgoing call are made of said phonebook database, and each search query is limited to search criteria inputted at a User Interface (UI) of said wireless terminal and comprises any one or more items from the list consisting of:

a name and contact information including address, phone number(s), facsimile number(s), or an E-mail address ~~and the like~~; a title of person in ~~company/organization~~a company or organization; a unit, plant or branch of a company; a project group or work team; a ~~building/site~~building or site location; a picture of a person; and a person's administrative assistant.

50.     (Currently Amended) A system to provide a wireless terminal of a network access to a phonebook database of the network, the system comprising:

18

~~P~~ 0 6 2006

a-the network-having, which has at least one server and at least a phonebook database;

at least one wireless terminal each of which is operably connected to said network;

at least one transport interface to allow communication between each wireless terminal and said network,

wherein said transport interface comprises an interface taken from the list consisting of a Wireless Application Protocol (WAP) interface, a Hypertext Transfer Protocol (HTTP) interface and a Lightweight Directory Access Protocol (LDAP) interface; and

a phonebook application, included in said network, said phonebook application being such that (a) for an incoming call, the network is instructed to search said phonebook database to identify a name of a caller, and (b) for an outgoing call, the network is instructed to search said phonebood phonebook database to locate at least one of a phone number and a name of a person or party of a the outgoing call to be made, wherein the a result of each search is presented at said wireless terminal,

wherein for incoming calls said phonebook application commences in response to a phone number identification at said wireless terminal and for outgoing calls, said phonebook application commences through a user interface (UI) of said wireless terminal, and

wherein said network comprises a Wireless Local Area Network (WLAN) including a plurality of wireless terminals, at least one access point, a server farm and a backbone infrastructure to support each wireless terminal, each access point and each network server.


51.	(Currently Amended) A system to provide a wireless terminal of a network access to a phonebook database of the network, the system comprising:

a-the network, which has having-at least one server and at least a phonebook database;

19

APR 0 6 2007

at least one wireless terminal each of which is operably connected to said network;

at least one transport interface to allow communication between each wireless terminal and said network,

a phonebook application, included in said network, said phonebook application being such that (a) for an incoming call, the network is instructed to search said phonebook database to identify a name of a caller, and (b) for an outgoing call, the network is instructed to search said ~~phonebood~~ phonebook database to locate at least one of a phone number and a name of a person or party of ~~a~~ the outgoing call to be made, wherein ~~the~~ a result of each search is presented at said wireless terminal,

wherein for incoming calls said phonebook application commences in response to a phone number identification at said wireless terminal and for outgoing calls, said phonebook application commences through a user interface (UI) of said wireless terminal,

wherein said terminal is continuously maintained in the network to permit uninterrupted communication between said wireless terminal and a server associated with said phonebook database, and

wherein said phonebook application is a World Wide Web (WWW) IP-based application using Hypertext Transfer Protocol (HTTP) to transmit information between a wireless terminal and a WWW server having the phonebook database and using a Hypertext Mark-up Language (HTML) browser to query a database in said wireless terminal.

52.    (Currently Amended) A system to provide a wireless terminal of a network access to a phonebook database of the network, the system comprising:

~~a~~ the network, which has ~~having~~ at least one server and at least a phonebook database;

at least one wireless terminal each of which is operably connected to said network;

20

PR 0 6 2006

at least one transport interface to allow communication between each wireless terminal and said network,

a phonebook application, included in said network, said phonebook application being such that (a) for an incoming call, the network is instructed to search said phonebook database to identify a name of a caller, and (b) for an outgoing call, the network is instructed to search said ~~phonebood~~ phonebook database to locate at least one of a phone number and a name of a person or party of ~~a~~ the outgoing call to be made, wherein ~~the~~ a result of each search is presented at said wireless terminal,

wherein for incoming calls said phonebook application commences in response to a phone number identification at said wireless terminal and for outgoing calls, said phonebook application commences through a user interface (UI) of said wireless terminal,

wherein said wireless terminal is continuously maintained in the network to permit uninterrupted communication between said wireless terminal and a server associated with said phonebook database, and

wherein said phonebook application is a Wireless Application Protocol (WAP)-based phonebook application using a WAP browser for Wireless Application Environment (WAE) to access a database in a wireless terminal and transport interface to access a WAP or WWW server having access to said phonebook database.

53.     (Currently Amended) A system to provide a wireless terminal of a network access to a phonebook database of the network, comprising:

~~a~~ the network, which has ~~having~~ at least one server and at least a phonebook database,

at least one wireless terminal each of which is operably connected to said network;

at least one transport interface to allow communication between each wireless terminal and said network,

21

a phonebook application, included in said network, said phonebook application being such that (a) for an incoming call, the network is instructed to search said phonebook database to identify a name of a caller, and (b) for an outgoing call, the network is instructed to search said ~~phonebood~~ phonebook database to locate at least one of a phone number and a name of a person or party of ~~a~~ the outgoing call to be made, wherein ~~the~~ a result of each search is presented at said wireless terminal,

wherein for incoming calls said phonebook application commences in response to a phone number identification at said wireless terminal and for outgoing calls, said phonebook application commences through a user interface (UI) of said wireless terminal,

wherein said wireless terminal is continuously maintained in the network to permit uninterrupted communication between said wireless terminal and a server associated with said phonebook database, and

wherein said phonebook application is a query-based contacts application in which Lightweight Directory Access Protocol (LDAP) is used to transmit information between a wireless terminal and a Directory System Agent (DSA) server having access to said phonebook database.

Claim 54.     (Canceled)

55.     (Currently Amended) A system to provide a wireless terminal of a network access to at least a journal database of the network, the system comprising:

~~a~~ the network, which has ~~having~~ at least one server and at least a phonebook database;

at least one wireless terminal each of which is operably connected to said network;

at least one transport interface to allow communication between each wireless terminal and said network; and

22

a journal viewing application, included in said network, said journal viewing application detailing background information related to an incoming call or an outgoing call to be made and including, the journal viewing application configured to perform the following steps:

(i)     performing a search query of said journal database to locate the background information, the search query including a call identification process in which either an incoming call phone number or at least one of a phone number and a name of a person or party of an outgoing call to be made is matched to background information associated therewith in said journal database, and

(ii)     presenting the matched background information to said wireless terminal,

wherein the background information which is stored in said journal database and is available to a user terminal of said system, including said wireless terminal, and comprises:

previous originating and terminating phone calls, originating and terminating, including dates, times and durations; E-mails; task lists; documents associated with originating or terminating call; a project; a calendar data; and a company or plant associated with each originating or terminating phone call.


56.     (Currently Amended) A  The  system according to claim 55, wherein the background information presented to said wireless terminal is filtered and organized, including having headings, through settings chosen by the terminal user, and wherein the filtered settings may be varied for the originating and terminating phone calls.


57.     (Currently Amended) A The system according to claim 56, wherein information displayed on a the wireless terminal comprises:

the recent originating and terminating phone calls, originating and terminating; task headings; E-mail headings, and related documents.


23

58.    (Currently Amended) A-The system according to claim 57, wherein said network comprises a plurality of wireless terminals, at least one access point, a server farm and a backbone infrastructure to support each wireless terminal, each access point and each network server.

59.    (Original)    The system according to claim 58, wherein said journal viewing application is a World Wide Web (WWW) IP-based application using Hypertext Transfer Protocol (HTTP) to transmit information between said wireless terminal and a WWW server having access to said journal database, and using a Hypertext mark-up Language (HTML) browser to query a database in said wireless terminal.

60.    (Original)    The system according to claim 58, wherein said journal viewing application is a Wireless Application Protocol (WAP)-based journal viewing application using a WAP browser for Wireless Application Environment (WAE) to access database in said wireless terminal and using a transport interface to access a WAP server having access to said journal database.

61.    (Original)    The system according to claim 58, wherein said journal viewing application is a query-based contacts application in which Lightweight Directory Access Protocol (LDAP) is used to transmit information between said wireless terminal and a Directory System Agent (DSA).

Claims 62-67. (Canceled)

24

APR 0 6 2007

**REMARKS**

Applicants appreciate the Examiner's indication that this application is in condition for allowance except for formal matters, in accordance with the practice under *Ex parte Quayle*.

The claims have been amended as suggested by the Examiner. Applicants note that the where Office Action refers to claim 1 (not pending), Applicants interpret this to be a reference to claim 5. Also, where the Office Action refers to claim 53, line 16, Applicants understand this to be a reference to claim 53, line 12.

Applicants have made additional minor amendments to the claims that are believed to not raise any new issues for examination. For example, the claim language has been clarified to improve antecedent basis.
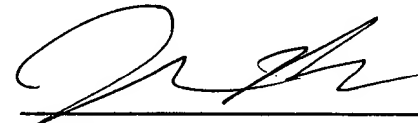
It is believed that the present application is in condition for allowance. Should the Examiner have any questions, he is invited to contact the undersigned at the number below.

Respectfully submitted,

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25

APR 0 6 2007